

5G FWA Outdoor CPE



The Best 5G Solution for Edge-of-Network and Challenging Locations



K6000

Coiler's K6000 5G Outdoor CPE is a high-speed packet access FWA product. It is a multi-mode wireless terminal to bringing fast 5G connectivity to more homes, businesses, Office and Industrial Park with the embodiment of eMBB (Enhanced Mobile Broadband) service in there.

You can connect the device with the RJ45 interface of indoor CPE, or connect the K6000 with a computer or AP. In the service area of the 5G-Sub6/LTE/UMTS network, you can surf the Internet and send/receive emails/ smart home devices application cordlessly.

The Coiler's K6000 is a fast, reliable and easy operating device to deliver you the better 5G signal.

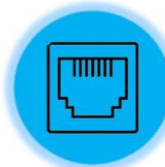
Coiler 5G FWA Series

Features & Benefits



Frequency Band

5G sub6
DL up to 2.4Gbps



Ethernet

2.5Gbps Ethernet
POE



Waterproof level

IP65



SW Update

TR069
FOTA



Flexible Installation

Wall Mount &
Pile Hole mount



Working Temperature

-40°C ~ +50°C



Surge Protection

>6kV



Light Weight

580g



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Coiler Corporation offers an extensive portfolio of indoor and outdoor repeaters for RF signal enhancement. Our products allow mobile network carriers, system integrators and cell phones users to quickly and cost-effectively address coverage considerations and improve reception in iDEN, CDMA, GSM, DCS, PCS, UMTS, WiMAX and LTE networks. Some global operators such as Vodafone, Orange, T-Mobile, Telefonica o2, Telenor, Tele2, Singtel, KPN and others have trusted our experience and expertise.

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Technical Specification

- Air Interface**

Technical Standard	5G NR Sub-6G, LTE, WCDMA
Operating Frequency	<u>5G NR Sub-6G SA&NSA:</u> N1/N3/N5/N7/N8/N20/N28/N38/N40/N41/N77/N78/N79 <u>LTE:</u> FDD: B1/B3/B5/B7/B8/B18/B19/B20/B28/B32 TDD: B34/B38/B39/B40/B41/B42 <u>WCDMA:</u> B1/B5/B8

- Performance**

5G Peak Data Throughput (Theoretical value)	5G Sub6G: DL:BW 100MHz 2.4Gbps UL: BW 100MHz 0.9Gbps LTE : CAT19 DL : 1.6Gbps UL:200Mbps
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- Hardware**

Receive Diversity	Support
MIMO	Support DL 4x4 MIMO
Internal Memory	4Gb+4Gb
Chip-set	Qualcomm SDX62

- Software**

SW Update	Local Update/FOTA/WebUI
IP-Passthrough	Support
IPv4/IPv6	Support
UI	WebUI
Data Statistics	Support
Automatic APN Match	Support

- Electronic | Mechanical | Environment**

Power consumption	<20W
Ethernet	2.5G LAN*1
Power	POE(nonstandard default)
Antenna	Internal Antenna:5G/4G
ESD	ESD Protection circuit; 8kV contact / 10kV air discharge
USIM	1*4FF SIM (Nano card)
LED	Power Indication 5G network Indication 4G network Indication ETH status

USB	USB 2.0 micro (for Debug only)
Buttons	Reset hole
Dimension	186*111*35 mm
Weight	580g (approx.)
Color	White

- Standard Package**

Inner Box including	K6000 CPEx1 、 Mounting Kit x1 、 Anchoring Screws x2 、 Hose Clamp x1 、 Hexagon Wrench x1 、 Ethernet Cable x1 、 Power Adapter x1 、 Quick Installation Guide x1
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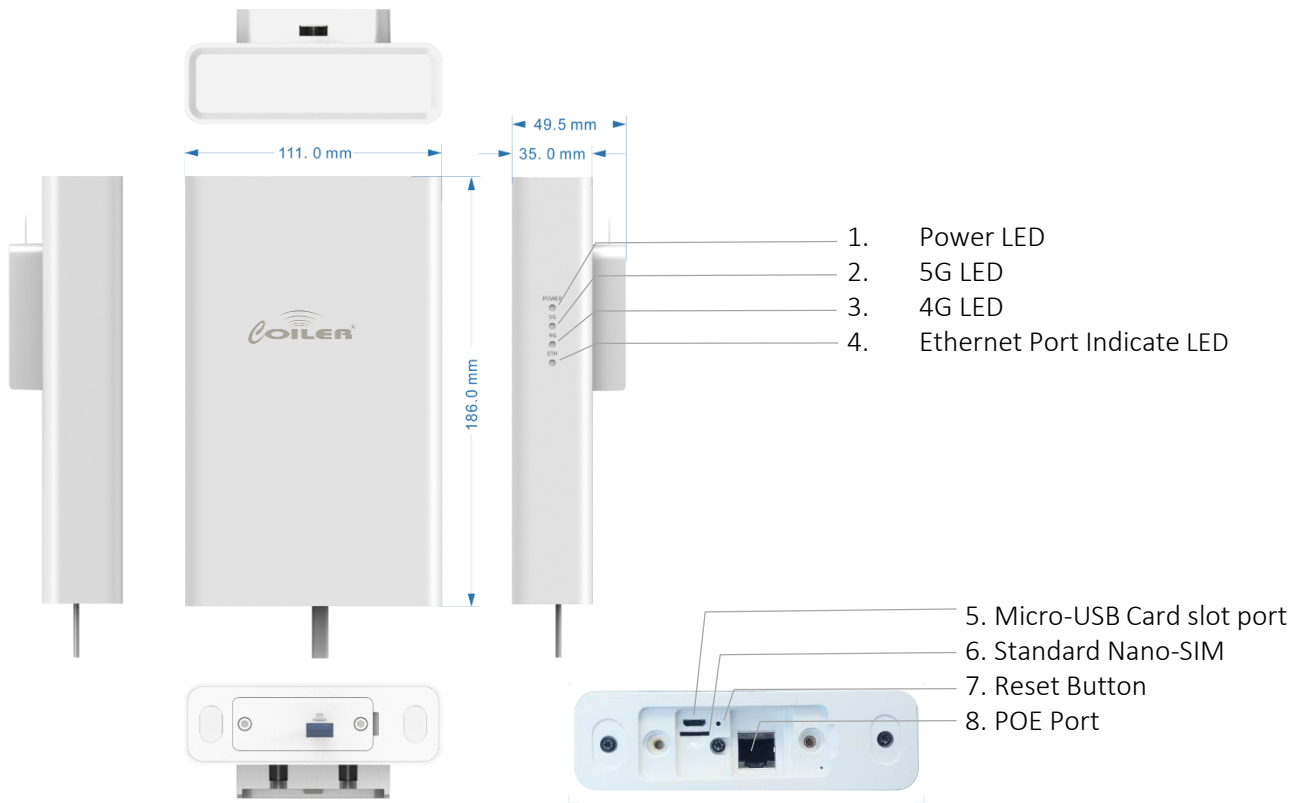


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Function Indication



Coiler 5G FWA Series

Indicator	LED Color	Status	Function Descriptio
Power	Single Color	On	Indicator light steady on after power on (default)
		Off	Indicator light is off after power off
5G	●	Solid	Strong 5G signals and have no dial up
		Blinking	Strong 5G signals and dial up success
	●	Solid	Medium 5G signals and have no dial up
		Blinking	Medium 5G signals and dial up success
	●	Solid	Weak 5G signals and have no dial up
		Blinking	Weak 5G signals and dial up success
●	Solid	During boot up or not registered to network	
	Off	Registered to 4G network and have no registered to 5G network in NSA mode or power off	
4G	●	Solid	Strong 4G signals and have no dial up
		Blinking	Strong 4G signals and dial up success
	●	Solid	Medium 4G signals and have no dial up
		Blinking	Medium 4G signals and dial up success
	●	Solid	Weak 4G signals and have no dial up
		Blinking	Weak 4G signals and dial up success
●	Solid	During boot up or not registered to network	
	Off	Registered to 5G network in SA mode or power off	
Ethernet	●	On	Connect to Ethernet network or PC
		Off	Not connect to Ethernet network or PC
		Blinking	Data transfer



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Installation

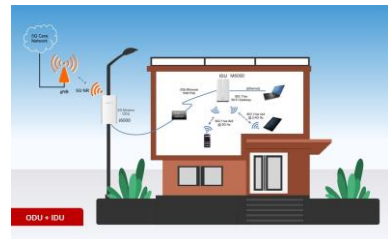
Scenario 1: Mounting On The Wall

- Mark the screw position in the selected position according to the hole spacing of the rack.
- According to the position of the mark, punch the hole in the wall, install the expansion screw, and fix the rack.
- Attach the device to the rack

Scenario 2: Mounting On A Pole

Install the SIM card

Application Scenarios



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